



# BODOLAND UNIVERSITY

## DEPARTMENT OF CHEMISTRY

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### *Certificate*

This is to certify that the work described in the thesis entitled *Utilization of Waste Plant Derived Materials as Heterogeneous Base Catalyst for Biodiesel Synthesis* was carried out by Mr. Biswajit Nath in the Department of Chemistry, Bodoland University, Kokrajhar, under my guidance and supervision. Mr. Biswajit Nath has fulfilled all the requirements under Ph.D. rules and regulations of Bodoland University for submitting his thesis for the award of Ph.D. degree. The thesis is the result of his own-investigation, and no part of the thesis is submitted for any other degree or diploma to this or any other university.

(S. Basumatary)